

# Owens Community College

## Computer Science Major Advisory Meeting

Date: March 24, 2009

Location: Owens Community College, Industrial and Engineering Technologies Building, Room 130

Industrial Attendees: Tim Brand, Tom Gray, Sean Nestor, Barb Vidra, Matt Zuccarell

Student Attendees: Eric Dowdrick

Owens Attendees: Tom Mahas, Nerur Satish, Dan Wedding ; Advisor-John Hrivnyak

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> <li>• The meeting was called to order at 5:50 p.m. by Chair Barb Vidra.</li> <li>• All minutes are posted to the School of Technology website under the appropriate program.</li> </ul>	<ul style="list-style-type: none"> <li>• Minutes of the spring 2008 meeting were reviewed and approved.</li> </ul>
Enrollment and Retention Report	<ul style="list-style-type: none"> <li>• The overall EET Department enrollments have increased 17.4%.</li> <li>• The Computer Science program enrollments are up 24.8% (from 112 to 149 students).</li> <li>• High school tours were done in Fall 2008 with specific hands-on projects for visiting students.</li> <li>• Advisor, John Hrivnyak, explained that Enrollment Services has come up with a new way to offer Reg Rocks which seems to work better. Students are able to get general questions answered in a very informal setting. They are given information on who to contact for more specific information and/or tours.</li> </ul>	<ul style="list-style-type: none"> <li>• Advisor John Hrivnyak felt it would help to have current students available for prospective students to talk to at the Reg Rocks event. Having faculty available to answer more specific questions would also be beneficial.</li> <li>• Changing the title of the program to Computer Science has helped to increase enrollment.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>• Tom Mahas reported that the program has been fortunate as far as equipment is concerned. Everything requested has been received. Tom is hoping that adjunct Peter Szymanski will champion the Advanced Digital Circuits course, as he has shown an interest in teaching it.</li> <li>• Matt Zuccarell mentioned he has students in the 130 class that have never touched a computer before. Tom Mahas explained that a developmental computer course cannot be offered until 2012 when the high schools start graduating students with computer competencies, so the course will have to be taught from the starting level.</li> <li>• Dan Wedding reported he teaches the programming or software half of the program. Advisors can direct students to take EET 130 and EET 119 without a problem because they do not have a prerequisite.</li> </ul>	<ul style="list-style-type: none"> <li>• Tim Brand has set up a website for the instructors of EET 130 where they can share questions, lectures and notes. There are 14 sections of EET 130 running this semester. This will be a great help for new instructors. It would be good to expand on this idea and do the same type of thing for EET 101.</li> </ul>
Student Report	<ul style="list-style-type: none"> <li>• Student Eric Dowdrick thought that IST 100 would be a good developmental course for students. He stated that he did not</li> </ul>	<ul style="list-style-type: none"> <li>• Student Eric Dowdrick thought a networking class should be included in the program. His new</li> </ul>

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	like the visual basic course because the program wrote the code for you.	position required him to set up a server which put him in a difficult position.
Outcomes Assessment Status Report	<ul style="list-style-type: none"> <li>• Outcomes have been reviewed and most areas met or exceeded expectations.</li> <li>• Areas not meeting expectations were not due to program instruction.</li> <li>• The SLAC (Student Learning and Assessment) Committee was broadened to include representation from a wider cross-section of administrators and faculty members.</li> <li>• Several continuous improvement items are planned to be implemented in regards to the web/hybrid offerings.</li> </ul>	<ul style="list-style-type: none"> <li>• The NAIT self study report has been submitted for the April 15, 16, and 17, 2009, visit.</li> <li>• Student course material is being collected and displayed for the visiting team in room IET 130.</li> <li>• Fall semester classroom presentations from three different classes were taped and put on a DVD to show NAIT evaluators evidence of learning outcomes achieved by students.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>• There is good benchmarking with competencies in the Computer Science field as students learn the hardware, software, and networking skills for the current marketplace.</li> </ul>	<ul style="list-style-type: none"> <li>• Industry practices are brought into EET courses by the various adjuncts who are working in the field.</li> </ul>
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> <li>• State-wide TAG articulations are in place for EET 101, 102, 110, 201 and 205. They are listed as OET 001, OET 003, OET 005, OET 002 and OET 004, respectively.</li> </ul>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• MTH 128 College Algebra is being expanded to a 4 credit hour class starting Spring 2010 to include learning outcomes expected to be covered in this course.</li> <li>• The CGI course will be offered as web-based in the fall and land-based in the spring. Some students have less success learning when taking web classes.</li> </ul>	<ul style="list-style-type: none"> <li>• After some discussion, it was decided that a networking course should be included in the curriculum. EET 175 Network Operating Systems can be revamped and updated to include relevant topics. A decision will need to be made on whether it will replace the technical elective or added as another course.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>• The School of Technology is working to fill Professor Paul Svatik's position. The challenge is finding someone with a CBET or equivalent certification who is interested in taking the position.</li> <li>• There is a possibility of using year-end money to upgrade room 140.</li> </ul>	<ul style="list-style-type: none"> <li>• NI (National Instruments) MultiSim was purchased to update the virtual workbench used in the curriculum.</li> </ul>
Accreditation Status	<ul style="list-style-type: none"> <li>• As mentioned earlier, the NAIT accreditation team will be conducting a program site visit on April 15, 16, and 17, 2009.</li> <li>• The School of Technology is in the process of deciding the value of ABET accreditation. A letter from ABET stated the Computer Science and Biomedical programs cannot be accredited unless the program titles are changed. The title change has helped enrollments in the Computer Science program and the state-wide TAGS will assure seamless transfer, so is there a need for ABET?</li> </ul>	<ul style="list-style-type: none"> <li>• One faculty member from each of the SOT departments is attending the regular SOT Chair meetings. Don Szymanski is the EET representative.</li> <li>• Alumni advisory members stated they did not know the program was ABET accredited when they attended, so did not see it would be a problem not to seek re-accreditation for this program.</li> </ul>

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Other	<ul style="list-style-type: none"><li>• Advisory members were thanked for their commitment and service.</li><li>• The meeting adjourned at 6:45 p.m.</li></ul>	<ul style="list-style-type: none"><li>• Advisory members should get any information on job opportunities to Nerur Satish.</li><li>• Chair-Barb Vidra, Vice Chair-Tom Gray, Secretary-Tom McLeary</li></ul>
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